

Project Definition: The entire collection for a contracted area.

Work Unit Definition: A production block of data defined by the National Geospatial Technical Operations Center due to expediency, priority or resource allocation. There can be one or many work units per project.

Project Information

Lidar Base Specification: 1.3	Primary Contractor: Aerial Services, Inc
Las Version: 1.4	Contract Mechanism: GPSC
P Method: 7 - Linear-Mode Lidar	Hydro Treatment: hydro-flattened
Collection Start Date: 02-29-2020	Collection End Date: 12-11-2020
The National Map Email: tnm_help@usgs.gov	

Vertical Accuracy Results

The U.S. Geological Survey evaluates absolute vertical accuracy of the lidar and lidar-derived bare earth DEM data at the project level	Lidar Point Cloud		Digital Elevation Model	
	Required Value(cm)	Tested Value (cm)	Required Value(cm)	Tested Value (cm)
Non-Vegetated Vertical Accuracy 95-Percent Confidence Level	19.6	9.74	19.6	9.93
Vegetated Vertical Accuracy 95th Percentile	N/A	9.54	30.0	10.41

Please see the vertical_accuracy folder within the project metadata for more information.

Classifications Used

Classification verification is limited to the minimum required by applicable Lidar Base Specification. Classifications beyond the minimum are not verified by USGS.

Classification ID	Classification Type
1	Unclassified
2	Ground
3	Low Vegetation
4	Medium Vegetation
5	High Vegetation
7	Low Noise
9	Water
17	Bridge Deck
18	High Noise
20	Ignored Ground

Sensor(s) Used

Sensor
Leica ALS70 - Aerial Oscillating Mirror
Optech Galaxy T2000 - Aerial Oscillating Mirror

Work Unit Information

IL_HicksDome_FluorsparDist_3_2019	Work Unit ID: 222509	Quality Level: 2
Horizontal EPSG Code: 6457	Vertical EPSG Code: 6360	Geoid Model: GEOID 12B
DEM Ground Sample Distance: 2.0		
Collection Start Date: 2020-03-05	Collection End Date: 2020-12-10	

IL_HicksDome_FluorsparDist_2_2019	Work Unit ID: 222506	Quality Level: 2
Horizontal EPSG Code: 6455	Vertical EPSG Code: 6360	Geoid Model: GEOID 12B
DEM Ground Sample Distance: 2.0		
Collection Start Date: 2020-02-29	Collection End Date: 2020-12-11	

IL_HicksDome_FluorsparDistrict_B1_2019	Work Unit ID: 183399	Quality Level: 2
Horizontal EPSG Code: 6455	Vertical EPSG Code: 6360	Geoid Model: GEOID 12B
DEM Ground Sample Distance: 2.0		
Collection Start Date: 2020-02-29	Collection End Date: 2020-03-08	